

Re: Newbie trying to fix a Johnson FT-2 Tremolo Pedal (for guitar)

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2008-04/msg01583.html>

- *From:* Kotti75events@xxxxxxxxxxxxxxxx
 - *Date:* Tue, 29 Apr 2008 15:45:17 -0700 (PDT)
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PS: it was the D1 diode that I replaced. It was broken (had burst) and there's also a burn mark on the perf board. A near by wire was also singed but I replaced that. I don't have many tools and am new at this sort of thing, so any help is greatly welcomed!

On Apr 30, 12:41 am, Kotti75eve...@xxxxxxxxxxxxxxxx wrote:

I'm trying to repair this pedal for a friend. There appeared to be only one burnt out component and I replaced it but it still doesn't work. It did look like something was spilled inside the pedal and I've cleaned that out. When in bypass, the signal passing through is distorted and garbled, like hearing it on a faint radio station. But when the pedal is engaged, it doesn't pass signal at all. I'm pretty certain that this is a copy of the Boss TR-2 because the schematic seems to fit with the exception of the IC chips.http://www.schematicheaven.com/effects/boss_tr2_tremolo.pdf Since the "bypass/engage mode" is triggered by a momentary switch, and the dry signal goes down a very processed chain of components, I haven't been able to figure it out. What typically goes bad when there are spills? From looking at this schematic, how would I go about figuring out where in the "dry signal" chain things are wrong?

Thank you very much!

Olivia